# 3rd International Conference on New Horizons in Education

(INTE 2012)

Procedia Social and Behavioral Sciences Volume 55

Prague, Czech Republic 5 – 7 June 2012

Volume 1 of 2

**Editors:** 

A. Isman

ISBN: 978-1-62993-048-0

#### Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© by Elsevier B.V. All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact Elsevier B.V. at the address below.

Elsevier B.V. Radarweg 29 Amsterdam 1043 NX The Netherlands

Phone: +31 20 485 3911 Fax: +31 20 485 2457

http://www.elsevierpublishingsolutions.com/contact.asp

### Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA Phone: \$45,758,0400

Phone: 845-758-0400 Fax: 845-758-2634

Email: curran@proceedings.com Web: www.proceedings.com

# TABLE OF CONTENTS

## Volume 1

Objectives Of The Students Use General And Vocational Education Students To Facebook	1
The Effect of Post Codes Activity on Students' Success on Unit of Permutation	11
Development of Self Efficacy and Attitude Toward Analytic Geometry Scale (SAAG-S)	20
Determination of University Students' Self-efficacy and Attitudes towards Analytic Geometry Course  Ayse Zeynep Azak, Mithat Takunyaci, Münevver Ilgün	28
Students' Opinions on Their Competences for Reaching Life Success	32
Art Teachers' Views on Strategies and Methods Which Are Used to Achive Attaintment	39
The Relationship Between the Learning Styles of Students and Their Attitudes Towards Social	
Studies Course	47
Hüseyin Çaliskan, Günes Kilinç	
Working Conditions of School and Teacher Training in Science: A Study with Teachers of Biology of Bahia, Brazil	57
Baptista Geilsa, Carvalho Graça	<b>60</b>
A Comparative Research About Basic Training In Turkey And EU Communities	62
Cevat Celep, Nur Gogus  The Critical Evaluation Of A Faculty Of Education Web Site By Computer Teacher Candidates  Deniz Mertkan Gezgin, Can Mihci, Mehmet Emin Demir, Fulya Buruk	70
Forensic Accounting Training: A proposal for Turkey	77
Nermin Akyel	
An Evaluation of School Experience Courses: The Development of Observation and Reflection	
Competences of Prospective Teachers	87
Zehra Altinay, Fahriye Altinay	
<b>Information, Knowledge, and Wisdom: Transforming Education</b> <i>Elaine P. Maimon</i>	
Where Have We Been? Where Are We Going? The Evolution of American Higher Education	
Training Function of Media: A Research About University Radios in Turkey	106
Educational Daycare from Infancy and Externalizing and Internalizing Behaviors in Early Childhood: Differential Effect by Children's Vulnerability  Lise Lemay, Nathalie Bigras, Caroline Bouchard	115
Evaluating the Fitness of Lecturing with Powerpoint Presentations for Accounting Education-	
Research at Sakarya University-  A. Vecdi Can, Nevran Karaca, Nermin Akyel, S. Dogus Demirci	128
Leadership Succession for Tomorrow's Schools	138
Patrick J. Renihan	
Pre-service Teachers' Need for Cognition	148
The Usage of Alternative Assessment Techniques in Determination of Misconceptions about	
Electromagnetic Field-Magnetism Contents and Effects of Video-Based Experiments on Students' Achievement at Distance Learning Course	155
Ozgur Yilmaz, Elif Ince	
Quality Assurance in Higher Education Institutions Using Strategic Information Systems  Tuba Canvar Kahveci, Özer Uygun, Ulas Yurtsever, Sinan Ilyas	
Age Factor in Foreign Language Education At Preschool Level	
Images of Future Technology Generated by Primary School Students through Their Paintings	178
An Implementation of Distance Education Program for Teaching Common Necessary Courses in	
Formal Education: Karabuk University Sample	187

Decision-making and Cognitive Structuring of Students at University	196
The Usage of Alternative Assessment Techniques in Determination of Misconceptions About Electromagnetic Field-Magnetism Contents and Effects of Video-Based Experiments on Pre-service's	
Achievement	206
Elif Ince, Ozgur Yilmaz  From Past to Present: Trend Analysis of Cooperative Learning Studies  Elif Akdemir, Ali Arslan	212
Teaching Applications of Prospective Teachers in Transition: Primary School and Pre-School  Burcu Sezginsoy Seker, Emine Özdemir	218
The Effect of Parental Attitudes on Bullying And Victimizing Levels of Secondary School Students	226
Tuncay Ayas  ICT Integration into Chemistry-Physics Classes In Middle Schools Through A Participatory Pilot	
Project Approach  Abdelkrim Ouardaoui, Ahmed Legrouri, Hassane Darhmaoui, Khalid Loudiyi	232
The Role of Idiomatic Expressions in Teaching Languages and Cultures as Part of a Multilingual	220
Approach	239
Educational Technology: A Way to Enhance Student Achievement at the University of Bahrain	248
Basic Design and Architectural Project: a Case Study on the University of Karabük	258
Learners' Perceptions of Sustained Silent Reading Practices in Tertiary Classrooms	266
Debbita Tan Ai Lin, Lee Bee Choo, Ambigapathy Pandian  Evaluation of Secondary Education Programs in the Context of Social Foundations	275
Erdal Bay, Hikmet Y. Celkan, Birsen Bagçeci, Dirayet Delikara, Behçet Süküroglu, Ibrahim Yagci	
Effect of An E-learning Program on The Quality of life of Patients With Coronary Heart Disease	284
Stress, Proactive Coping and Self- Efficacy of Teachers  Marcela Verešová, Dana Malá	294
The Profile of Academically Taught Translators And Their Role In The Practice	301
The Role of the Significant Others in the Transition of Czech Pupils between the Lower and Upper	
Secondary Education	308
Teacher Thinking about Knowledge, Learning and Learners: A Metaphor Analysis	317
Mani Bhasin Kalra, Bharati Baveja	
Collaborative Learning Understood Trough a Micro-level Analysis of Building Common Professional Knowledge in Mentor-mentee Interactions	327
Mihaela Mitescu Lupu	321
Team Projects as a Method of Teaching Corporate Finance Related Issues in the International	227
Student's Environment	33/
The Effects of "Live Online Coures" on Students' Achievement at Distance Education	347
Ozgur Yilmaz Atypical Development of Children from Multicultural Families in Korean Rural Areas	355
Hyo-Jin Koo, Haeng-Woo Shin, Yun-Jung Lee	265
Experiencing Culture in a Nursery School. An Empirical Study	365
A Student-Oriented Checklist to Understand The Creative Learning Level of Primary School Grade II Visual Art Class For Special Education Methods	373
Tuba Gÿltekin  Perception of Roma People by Prospective Secondary School Teachers in the Context of Generalized	
Ethnicization of Problems Related to Non-Assimilated Part of the Roma Population	383
Vladislav Jankových, Petr Hlado What is Leisure for Turkish Parents?	390
Nese Aslan, Kadir Aslan	
Exploring Pupils' Historical Knowledge within the Junior High Social Studies Course	399
A Genetic-Fuzzy Based Mathematical Model to Evaluate The Distance Education Students' Academic	100
Performance	409

Reflections on Personal Learning Environments: Theory and Practice	419
School Protection System: Protecting Who, from Whom?	429
C. A. S. Scotuzzi, J. M. Adam	
A Socio-Cultural Approach toward EFL Teacher Education in Taiwan	435
Analytical Theory of Monotone Commodity State Development with Inflexion  Tomáš R. Zeithamer	445
A Discussion of What Makes a Good Teacher: Opinions of Pre-Service Primary School Teachers	451
Teachers and Change: The Role of Reflective Practice  Maura Sellars	461
Computer Modelling of Flexible Connection with free Hanging Weight of the Body	470
A Unified Educational Platform of Multimedia Support in Education at Medical Faculties of MEFANET Project	476
Jaroslav Majernik, Daniel Schwarz, Martin Komenda, Ladislav Dušek	
Education of Older People in the Field of Information Technology on the Example of Polish Universities of the Third Age	485
Lukasz Tomczyk	
A Performance Evaluation Application for Welder Candidate in Virtual Welding Simulator	492
Encountered Disciplinary Problems in Elementary Schools Of a Low Socioeconomically Status	
District	502
Hamedoglu Mehmet Ali, Çelik Muhammed, Kaya Mehmet, Bilge Hatice  Turkish Version of Shortened Family Resiliency Scale (FRAS): The Study of Validity and Reliability  Mehmet Kaya, Neslihan Arici	512
Teachers' Equity Sensitivity to the Single-spine salary: The Case of teachers in Central and Western	
Regions of Ghana  Joseph Tufuor Kwarteng	521
The Case of Schleiermacher In The Context Of Hermeneutic Method In Education	531
The Role of Leadership In the Success of e-Learning Programs: The Case of Sakarya University e-	
MBA Program	539
Remzi Altunisik  Feoremia Phanamana from the Viewmeint of the Machanica of Matarials	5.17
Economic Phenomena from the Viewpoint of the Mechanics of Materials	347
A Child in the Culture of Silence? The Meaning and Communication in Children's Drawings	554
The Effects of Mythos' on Plato's Educational Approach	560
Derya Çigir Dikyol	
An Investigation of Prospective Teachers' Reflective Thinking Tendency	568
Relationship between 5th Grade Students' Attitudes towards Science and Technology Course and	
Misconceptions Asiye Bahtiyar, Ramazan Basturk	575
The Identification of Gifted and Talented Students	585
Siti Fatimah Mohd Yassin, Noriah Mohd Ishak, Melor Mohd Yunus, Rosadah Abd Majid	
Environment in My Point of View: Analysis of the Perceptions of Environment of the Children  Attending to Kindergarten through the Pictures They Draw	594
Yunus Günindi  Education of Clinical Disciplines in Pre and Post-Graduate Study Oriented on Increasing of Newest	
Infectious Diseases Knowledge	604
Meaning in Life and Subjective Well-Being among Turkish University Students	612
Tayfun Dogan, Fatma Sapmaz, Fatma Dilek Tel, Seda Sapmaz, Selin Temizel  The Doubleway of Social and Exectional Abilities of Drivery Select Children	C10
The Development of Social and Emotional Abilities of Primary School Children	618
Environmental Education in Conditions of National Parks of Slovak Republic	628

### Volume 2

Modern Trends in the Teaching the Vocabulary of Czech Sign Language	635
The Analysis of Research Conducted to Evaluate the Effectiveness of in-service Training Programs:  Turkey's Sample	645
Fatma Ozudogru, Melike Ozudogru	
An Evaluation of Elementary Teacher Candidates' Environmental Approaches, Environmental Risk Perceptions and Environmental Behaviours	655
M. Fatih Kaya, Mustafa Kahyaoglu, G. Firat Birel	
Mathematical Typical and Problem Tasks as an Educational Cognitive Context	661
Organizational Metaphor Perceptions of Primary School Administrators and Teachers Towards the Instituon They Work for	669
Graphical Understanding in Mathematics Education: Derivative Functions and Students' Difficulties  Nevin Orhun	679
New Trends And Practices In Turkish Higher Education Policy: Teaching Staff Training Program (ÖYP)	685
Oguzhan Zengin, Gšzde Çakir	600
Evaluation of An e-learning Scenario for Biomedical Engineers	689
Morgenstern Ute	
How the Schooling Environment Shapes the Consciousness of Scholars Towards Peace and War  Juliet Joseph	
Engineering Education Technique based on Professional Activity Imitation	707
Sysoev Alexander Alekseevich, Sysoev Alexey Alexandrovich, Petrov Valerii Ivanovich, Poteshin Sergey Stanislavovich	
Communication Design Education: A New Trend in Schooling	710
Misconceptions In Geometry And Suggested Solutions For Seventh Grade Students	720
Micro-teaching Videos in EFL Teacher Education Methodology Courses: Tools to Enhance English Proficiency and Teaching Skills Among Trainees	730
Development of Preschool Children from Disadvantaged Family Backgrounds in South Korea	739
Hwan-Joong Kim, Young-Joo Bark, Jin-Sun Choi, Sun-Hee Kim  A Message-centered Approach to Teaching a College-level Course in Popular Culture  Thomas G. Endres	746
Influence Of Socio-Demographic Characteristics To Attractiveness And Success Of Initial Vocational Education And Training In Latvia	756
Jurijs Lavendels, Vjaceslavs Sitikovs, Marina Uhanova	
The Effect Of The Internet And Mobile Phones On The Habit Of Teacher Candidates' Using Turkish Language As Written Language	766
Nilgÿn Tosun  The Role of History-Themed Non-Educational Computer Games on Primary School Children' (at	
Grades 6th, 7th and 8th) Perceptions of History	776
Preservice Mathematics Teachers' Understandings of The Class Inclusion Between Kite and Square  Emine Gaye Çontay, Asuman Duatepe Paksu	782
A Green Touch for the Future of Distance Education	789
M. Banu Gündogan, Gülsün Eby	
Teachers' Beliefs about Teaching English to Elementary School Children	799
Graduate Student Middle School Mathematics Teachers' Communication Abilities in the Language of Mathematics	809
Tangil Kabael	
Smart, Innovative and Plagiarism-deterrent Assessments	816
Pre-Service Primary Science Teachers' Understandings of the Moon's Phases and Lunar Eclipse	825

Autonomous Learning: A teacher-less Learning! Original Research Article	835
Engineering Undergraduates' Perceptions of Soft Skills: Relations with Self-Efficacy and Learning	
Styles Original Research Article	843
Inês Direito, Anabela Pereira, A. Manuel De Oliveira Duarte	
Language Learning Approaches: A Review of Research on Explicit and Implicit Learning in	
Vocabulary Acquisition Original Research Article	852
Lee Bee Choo, Debbita Tan Ai Lin, Ambigapathy Pandian  Framining Predictive Release Regarded Section of Hamiltonian Annual Section on Hamiltonian in terms of Self	
Examining Predictive Role of Psychological Need Satisfaction on Happiness in terms of Self- Determination Theory Original Research Article	861
Fatma Sapmaz, Tayfun Dogan, Seda Sapmaz, Selin Temizel, Fatma Dilek Tel	001
The Imaginary about the School and the Possibilities of an Equalitarian School: A Study on the	
Brazilian State Schools Original Research Article	869
J. M. Adam, L. M. F. Salles	
"Vakif Universities" in Turkey: Some Problems and Prospects Original Research Article	876
Aygul Oktay Statistical Scoring Algorithm for Learning and Study Skills Original Research Article	002
Aytac Gogus, Gurdal Ertek	002
Stress Factors in the Professional Activities of Romanian Teachers Original Research Article	887
Ion Dumitru, Ioan Talpos	
Parental Stress and Daycare Attendance. Does Daycare Quality and Parental Satisfaction with	
Daycare Moderate the Relation Between Family Income and Stress Level among Parents of Four	
Years Old Children? Original Research Article	894
Nathalie Bigras, Lise Lemay, Liesette Brunson  The Left-cone of Environment Education on Critical Thinking and Environmental Attitude Original	
The Influence of Environment Education on Critical Thinking and Environmental Attitude Original Research Article	902
Serhat Arslan	702
The Selected Aspects of Education Pursued by Divorced Fathers Original Research Article	910
Anna Dudak	
Authorship and Plagiarism – Discursive Issues and Educational Effects Original Research Article	915
The Impact of the Symptoms of Specific Language Impairment on Contemporary Education and	
Counseling – the Necessity of Speech and Language Therapy Approach at Schools Original Research	
Article	925
Renata Mlcáková, Katerina Vitásková, Alena Ríhová	
Stitch by Stitch the Science Fills the Space Original Research Article	935
Maria Judite Almeida, Alexandra Nobre, Marina Maciel, Antónia Forjaz, Cristina Almeida Aguiar	
Assessing Elearning Teaching Quality of Faculty Members in Teachers' College at King Saud University: Students Perspectives Original Research Article	945
Hisham Barakat Hussein	
A Creative Strategy for Sustainable Design Education - A Tribute to Charles and Ray Eames	
Original Research Article	953
Martin Racine	
Project-Oriented Study at the Czech Technical University in Prague, Faculty of Transportation	0.62
Sciences Original Research Article	963
Improvement in Education of People with Visual Impairment Original Research Article	971
Libuše Ludíková, Dita Finková	
What is it about Field Trips? Praxis, Pedagogy and Presence in Virtual Environments Original	
Research Article	980
Lesley Procter	
Instructional, Technological and Psychological Approaches of Using IWBs: A Framework Original	000
Research Article	990
Designing Innovative Open Spaces for Learning: The Case of the Open University of Catalunya	
Original Research Article	1000
Eva De Lera, Magí Almirall, Carles Fernândez, Mercé Gisbert	
The Effects of Interactive Exercises on Students' Achievement: Using the Open Source Authoring	
Application Original Research Article	1009
Ömür Akdemir, Kürsat Kunt, İnan Tekin	1014
Teacher Education and Contemporary Technology Original Research Article	1014
Dimanara I ereira maenaao, I risena I ernanaa I artaneno, sotange viaro I aanna, eristane De souza Magnani	

The Age and Job Satisfaction Relationship in Higher Education Original Research Article	1020
Case about Orientation of Primary School Students to Out-of-School Time Activities Original Research Article	1027
Pinar Arisoy, Ömer F. Tutkun	
Does the Attained Level of Education Affect the Income Situation of Households? Original Research  Article  Jana Turcínková, Jana Stávková	1036
Special Educational Aspects of the Quality of Life of Children with Retinopathy of Prematurity	
Original Research Article  Libuše Ludíková, Katerina Stejskalová	1043
Is the Internet Use an Effective Method to Cope With Elderly Loneliness and Decrease Loneliness Symptom? Original Research Article	1053
Ali Haydar Sar, Gamze Yesim Göktürk, Gülsah Tura, Nalan Kazaz	
The Importance of ICT Sector and ICT University Education for the Economic Development  Original Research Article  Milos Maryska, Petr Doucek, Renata Kunstova	1060
Exploring Minds: Alternative Conceptions in Science Original Research Article	1069
<b>Dominant Learning Styles of Preparatory Class Students Original Research Article</b>	1079
Teachers' opinions and beliefs regarding the necessity, the usefulness and the impact of modern	
evaluation methods on the performance of pupils in secondary education Original Research Article  Otilia Sanda Bersan	1089
An Evaluation of Elementary Teacher Candidates' Environmental Approaches, Environmental Risk Perceptions and Environmental Behaviours Original Research Article	1098
A Physical Fitness Intervention Program Within a Physical Education Class on Selected Health-	
Related Fitness Among Secondary School Students Original Research Article	1104
Effect of the Use of Information and Communication Technologies ICT Resources on the Scholastic Performance of Middle School Students in Biology and Geology Courses Original Research Article	1113
Abdelghani El Asli, Abdelaziz Berrado, Khalid Sendide, Hassan Darhmaoui  Comprehensive Human Development Through Physical and Spiritual: Studies on the Novel	
"Tenggelamnya Kapal Van Der Wijck"	1118
Dialog and Mediation Education in Intercultural Communication Original Research Article	1124
Investigating the Relationship Between Musical Training and Mathematical Thinking in Children Original Research Article	1134
Edel Sanders	
Study on Action-Oriented Learning with a Learning Factory Approach Original Research Article	1144
The Effects of Problem-Based E-Learning on Prospective Teachers' Achievements and Attitudes towards Learning Mathematics Original Research Article	1154
Enseñanza Introductoria de Economía Para no Economistas: un Contenido Panorámico Clave Original Research Article	1150
Rosalía S. Lastra B., Ma. Guadalupe Galván, Luis Jesús Ibarra M.	1137
An Educational Management Information System to Support Institutional Planning at the University of Colima Original Research Article	1168
Martha Alicia Magaña Echeverría, Pedro C. Santana-Mancilla, Victor Manuel De La Rocha Cazares	
Pre-service Teachers' Perceptions About Rituals in Education and Rituals' Functions Original Research Article	1175
Yaser Arslan, Ufuk Saridede Generations of Distance Education: Technologies, Pedagogies, and Organizations Original Research	
Article	1183
Innovating the Compulsory Study Subject of Paediatrics and the Creation of Multimedia Text for Practical Training Original Research Article	1188
Ludíková Barbora, Mihál Vladimír	

The Effects of Cultural Familiarity and Reading Activities on L2 Reading Comprehension Original	
Research Article	1196
Serkan Gürkan	
Student Opinions On Teaching Based On Mathematical Modelling Original Research Article  Emine Özdemir, Devrim Üzel	1207
Preparing Faculty to Teach Their First Online Class Original Research Article	1215
Academicians Coming to Turkey Between 1933-1945 Opened and Their Effects on Today's Music	
Life Original Research Article	1219
Original Experimental Method to Evaluate Conceptual Students' Knowledge Original Research Article	1227
Evgeny A. Eremin	
An Analysis of the Relationship Between the Lives of the Primary –Secondary School Students Regarding Domestic Violence at Home and their Academic Success Original Research Article  Munevver Mertoglu, Oktay Aydin	1233
Education of Children with Learning Disabilities from the Social and Cultural Perspective Original Research Article	1243
Malgorzata Kowalik-Olubinska	
Museum Concept from Past to Present and Importance of Museums as Centers of Art Education Original Research Article  Burcu Günay	1250
Interarts Studies in the English/Literature Classroom Original Research Article	1259
Secure and Interoperable e-Learning Platforms Based on Web Services Original Research Article	1265
Making Music, Soundscapes and Spoken Word: Case Study of Ckut Original Research Article  Donna Kakonge	1272
Author Index	